Declassified in Part - Sanitized Copy Approved for Release 2013/03/25 : CIA-RDP61S00750A000400050008-3 TOP SECRET 29 July 1957 25X1 MEMORANDUM FOR: Mr. Richard M. Bissell, jr. SUBJECT : Review of Implementation of CIA Responsibilities Under Technological Capabilities Panel : Memorandum for the MSC, January 2, 1957, from REFERENCE its Executive Secretary, Subject: Recommendations of the Report to the President by the Technological Capabilities Panel of the Science Advisory Committee, ODM: Follow-up Study 1. Referenced memorandum contains the following action, approved by the President: "Noted that the departments and agencies will conduct special periodic reviews of the areas of the TCP Report falling within their responsibilities to identify problems for special study where new intelligence or new technological advances alter our vulnerability to surprise attack." 2. This office has obtained from the responsible offices the following status reports. The pertinent TCP recommendation is quoted first in each case for your information. NSC Action No. 1430-g: "Examination of Peripheral War Problem: With respect to General Recommendation 11: (1) Noted that the proposal for a study of techniques and weapons technology for peripheral wars is being implemented through a study by the Weapons Systems Evaluation Group and through a study under a CIA contract." 25X1 JOP SECRET

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Specific Recommendation C.4:

"We need to examine intelligence data more broadly, or to invent some new technique, for the discovery of hoaxes. As a first step, we recommend a National Intelligence Estimate, with adequate safeguards, of our success in keeping secret our most useful techniques of intelligence. This estimate would suggest the extent to which an enemy might be manipulating the information obtained through these sources."

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Status:

On 28 May 1957 the IAC approved the NIE on this subject, NIE 100-2-57, Soviet Capabilities for Deception. Bill Bundy, DAD/NE, states that the DCI "evinced pleasure when he had finished reading it from stem to stern" and that Dr. Land had approved.)

Specific Recommendation C.9:

"The growing principles and technology of information retrieval will advance and may revolutionize the handling of large masses of intelligence data. Their application should be sought out more actively."

Status:

The AD/OCR reports as follows:

- "1. Through the mechanism of the IAC Ad Hoc Committee on Information Processing (AHIP) and its Working Group on Equipment Research, the Office of Central Reference has continued its investigation into new equipment and methods which might offer advances in documentation techniques. The Eastman Kodak Minicard equipment presents advantages in this field and Minicard cameras have already been installed in the Office of Central Reference and the Directorate of Intelligence, USAF.
- 2. New developments in data processing equipment by IBM, RCA and Magnavox may also have considerable impact on information processing technology; CIA/OCR is in continuing contact with these firms and is watching

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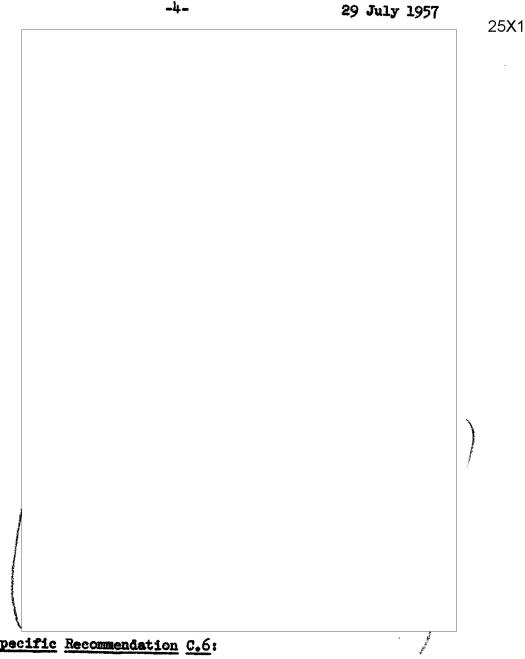
their progress. The Deputy Director/Plans has contracted with IBM for a systems study to determine the extent to which mechanization can be applied to the storage and indexing of counter espionage and operational information held by RI/FI.

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Specific Recommendation C.6:

"There are generally recognized technical and administrative problems in the field of ELINT (electronic noise listening). This situation urgently needs attention. A combination of technical knowledge and adequate authority at a high level is required."

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Status:

Ralph Clark, ELINT Staff Officer, summarizes as follows:

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"The mechanism for cooperation and coordination contemplated by NSCID-17 and the implementing Department of Defense Directive is making substantial progress. ELINT analysis is improving. There is need for increased technical support and further clarification of authority at high level if the maximum potential in the field of ELINT is to be realized."

A separate additional report is available. This report is classified in addition to TOP SECRET.

Specific Recommendation C.3:

"We must find ways to increase the number of hard facts upon which our intelligence estimates are based, to provide better strategic warning, to minimize surprise in the kind of attack, and to reduce the danger of gross over-estimation or gross under-estimation of the threat. To this end, we recommend adoption of a vigorous program for the extensive use, in many intelligence procedures, of the most advanced knowledge in science and technology."

Status:

AQUATONE

I have discussed this Recommendation with you.

No further action by you is recommended.

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JAMES Q. REBER Office of the Director Planning and Coordination Staff

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